

Title (en)  
METHOD AND APPARATUS FOR UNINTERRUPTED POWER TRANSFER IN A POWER DISTRIBUTION SYSTEM

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR UNTERBRECHUNGSFREIEN LEISTUNGSÜBERTRAGUNG IN EINEM ENERGIEVERTEILUNGSSYSTEM

Title (fr)  
PROCÉDÉ ET APPAREIL POUR TRANSFER DE L'ÉNERGIE SANS RUPTURE DANS UN SYSTÈME DE DISTRIBUTION DE PUISSANCE

Publication  
**EP 3582364 A1 20191218 (EN)**

Application  
**EP 19179226 A 20190610**

Priority  
GB 201809847 A 20180615

Abstract (en)  
A method and apparatus for no-break power transfer in a power distribution system 30, including providing, from a first power source (18), a first power supply to a power bus (32), disabling the first power supply from the power bus (32), and providing, from a second power source 19, a second power supply to the power bus (32), the second power supply having the second set of electrical characteristics.

IPC 8 full level  
**H02J 9/06** (2006.01); **H02J 3/06** (2006.01); **H02J 3/46** (2006.01)

CPC (source: CN EP GB US)  
**B64D 31/00** (2013.01 - US); **H02J 3/005** (2023.08 - GB); **H02J 3/06** (2013.01 - EP US); **H02J 3/46** (2013.01 - EP US); **H02J 9/06** (2013.01 - EP); **H02J 9/061** (2013.01 - GB); **H02J 9/062** (2013.01 - CN US); **H02J 9/066** (2013.01 - CN); **B64D 2221/00** (2013.01 - US); **H02J 9/068** (2020.01 - EP); **H02J 2310/44** (2020.01 - EP US); **Y02B 10/70** (2013.01 - EP)

Citation (search report)

- [X] EP 2727838 A2 20140507 - ROLLS ROYCE PLC [GB]
- [X] GB 2547706 A 20170830 - GE AVIAT SYSTEMS LTD [GB]
- [X] US 9923371 B1 20180320 - EMERT STEVEN [US], et al
- [X] US 2008084118 A1 20080410 - LANDO JEAN-LOUIS [FR], et al
- [A] EP 2541723 A1 20130102 - ROLLS ROYCE PLC [GB]

Cited by  
EP3926779A1; GB2601129A; GB2601129B

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3582364 A1 20191218**; CN 110611367 A 20191224; GB 201809847 D0 20180801; GB 2574666 A 20191218; GB 2574666 B 20221130; US 11101688 B2 20210824; US 11462937 B2 20221004; US 2019386510 A1 20191219; US 2021359539 A1 20211118

DOCDB simple family (application)  
**EP 19179226 A 20190610**; CN 201910521862 A 20190617; GB 201809847 A 20180615; US 201916434289 A 20190607; US 202117387600 A 20210728